

Fiber Optics

Patch cords & Pigtails



Features and Benefits

- Available with all fiber optic connector types- SC, LC, FC, ST, E2000
- IEC, EIA/TIA and GR-326-CORE compliant
- Simplex, Duplex and Flat Duplex design
- 900um, 2.0mm and 2.8mm cable diameter
- Single mode (APC/UPC) and multimode (PC) versions
- High quality ceramic ferrules, housings and dust cap
- LSZH, Riser and PVC versions
- Low insertion loss and high return loss
- Individual test results and traceability number
- Mating Durability: 1000 cycles; <0.2 dB change
- Customized on request



Overview

PPC offers high performance patchcords and pigtails for use in all types of fiber optic networks. The PPC patchcords & pigtails are manufactured using state-of-the-art controlled manufacturing processes to operate over the full range of singlemode and multimode wavelengths. PPC patchcords and pigtails are terminated with high quality connectors, which provide low insertion loss and high return loss. Each patchcord or pigtail is individually tested and supplied with test certificates. The unique serial number provides traceability of every single product. Available in all types of singlemode and multimode fiber types

Technical Data

Optical Data

Description		Value Premium	Standard	Lite
Connector Insertion Loss		0.2dB	0.3dB	0.5dB
Connector Return Loss (SM)	APC	≥65dB	≥60dB	≥60dB
	UPC	≥55dB	≥50dB	≥50dB
	PC	≥50dB	≥50dB	≥50dB
Connector Return Loss (MM)	PC	≥20dB	≥20dB	Not Applicable
EndFace Inspection		100%	100%	Sampling
Endface Geometry Inspection		100%	Sampling	Not Applicable
Fiber type		OS2, G657A1, G657A2, G657B2, G657B3, OM1, OM2, OM3, OM4		

Environmental Data

Description	Value Premium	Standard	Lite
Operating temperature	-10°C to +75°C	-10°C to +70°C	-10°C to +50°C
Free of halogen	Yes (when LSZH cable is specified)		
2011/65/EC RoHS	Fully compliant		

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Technical Drawing



Fig.1: Simplex patchcord schematic



Fig.2: Duplex patchcord schematic

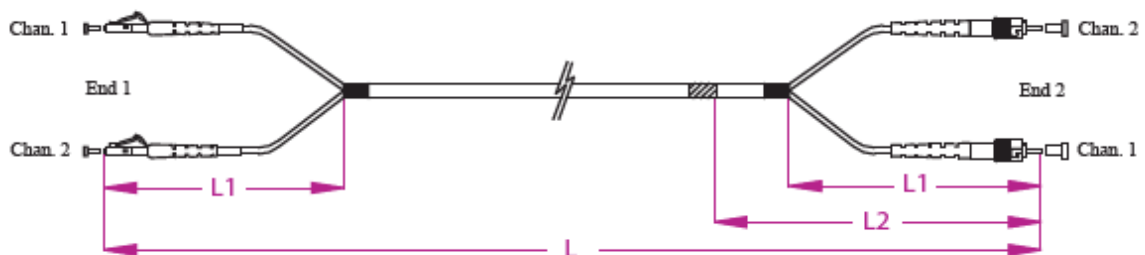


Fig.3: Flat Duplex Patchcord Schematic



Fig.4: Pigtail schematic

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Ordering Information

P S 1 A 1 A 4 3 A 0 0 5 0 L 1 P
1 2 3 4 5 6 7 8 9 10-13 14 15 16

2	CABLE TYPE S = SIMPLEX D = DUPLEX U = UNICABLE T = TIGHT BUFFER E = EASY STRIP L = LOOSE TUBE F = FLAT DUPLEX A = ADSS	5	CONNECTOR 2 1 = SC 2 = LC 3 = FC 4 = ST 5 = E-2000 6 = MU BLANK = NO CONNECTOR	8	FIBER TYPE 1 = OM1 2 = OM2 3 = OM3 4 = OM4 5 = OM5 S = G.652D A = G.657A1- BIF 10mm N = G.657A2- BIF 7.5mm B = G.657B3- BIF 5mm G = G.655	10-13	LENGTH 0005 = 0.5MTR 0050 = 5MTR 0500 = 50MTR 5000 = 500MTR
3	CONNECTOR 1 1 = SC 2 = LC 3 = FC 4 = ST 5 = E-2000 6 = MU	6	POLISH TYPE A = APC U = UPC P = PC BLANK = NO CONNECTOR	9	COLOR Y = YELLOW O = ORANGE A = AQUA B = BLACK R = RED G = GREEN W = WHITE U = BLUE H = HEATHER VIOLET S = SLATE/GREY I = BEIGE	14	MATERIAL L = LSZH R = RISER V = PVC P = PLENUM
4	POLISH TYPE A = APC U = UPC P = PC	7	CABLE DIAMETER 1 = 0.250MM 2 = 0.600MM 3 = 0.900MM 4 = 1.2MM 5 = 1.6MM 6 = 2.0MM 7 = 3.0MM 8 = 3.2MM 9 = 4.0MM A = 2.8MM B = 6.5MM	15	BOOT OPTION 1 = STANDARD STRAIGHT BOOT 2 = STRAIGHT SHORT BOOT 3 = ANGLED BOOT 4 = MINI BOOT	16	CATEGORY P = PREMIUM S = STANDARD L = LITE

T,E & L APPLICABLE ONLY FOR 900UM BUFFER